

CLAIMS

1. A fastener device comprising a nut, a threaded member for receiving the nut, and visual indicator means for visually indicating if the nut has become loose on the threaded member during use of the fastener device.
2. A fastener device according to claim 1 in which the visual indicator means comprises an indicator member which is mounted on the nut, biasing means which biases the indicator member to an indicating position in which the indicator member gives a visual indication that the nut has become loose, and at least one recess into which the indicator member is moved by the biasing means consequent upon the nut becoming loose, the indicator member then being in the indicating position.
3. A fastener device according to claim 2 in which the indicator member includes an indicator portion which moves to the indicating position.
4. A fastener device according to claim 2 or claim 3 and including a pivot member which pivotally mounts the indicator member on the nut.

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5. A fastener device according to claim 4 in which the pivot member pivotally mounts the indicator member in a slot in the nut.

6. A fastener device according to any one of claims 2-5 in which the recess for receiving the indicator member is a slot on the threaded member.

7. A fastener device according to any one of claims 2-6 in which there are at least two of the recesses for receiving the indicator member.

8. A fastener device according to any one of claims 2-7 in which there is only one of the indicator members on the nut.

9. A fastener device according to any one of claims 2-7 in which there are at least two of the indicator members on the nut.

10. A fastener device according to any one of claims 2-9 in which the biasing means is a coil spring or a V-spring.

11. A fastener device according to any one of claims 2-10 in which at least a part of the indicator member is coloured so as to attract attention.

12. A fastener device according to any one of the preceding claims and in which the visual indicator means is made of a plastics material.

13. A fastener device according to any one of the preceding claims and in which the threaded member is a bolt or a stud.

14. A fastener device substantially as herein described with reference to the accompanying drawings.

FOOTNOTES